

[Intermittent connection protection for external computer devices]

Abstract of Disclosure

An integrated computer management and storage system comprising, in a preferred embodiment: an external mass storage device for a host computer; including a power storage sub-system, in the form of a capacitor or battery, such that during an intermittent communication breakdown, it has energy to sustain the static RAM values stored in the registers of the mass storage device for a sufficient period of time, thereby allowing for the option of reconnection, without re-initialization; and an associated mass storage device driver, typically residing on the host computer, capable of re-polling and restoring the connection without re-initialization. Optionally, a redundant backup of the static RAM values may also be stored on the host computer device.

Figures